

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082875.D
 Acq On : 10 Nov 2015 17:51
 Operator : UM/IZ
 Sample : G4326-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151102MGP217BRV64

Quant Time: Nov 13 17:33:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

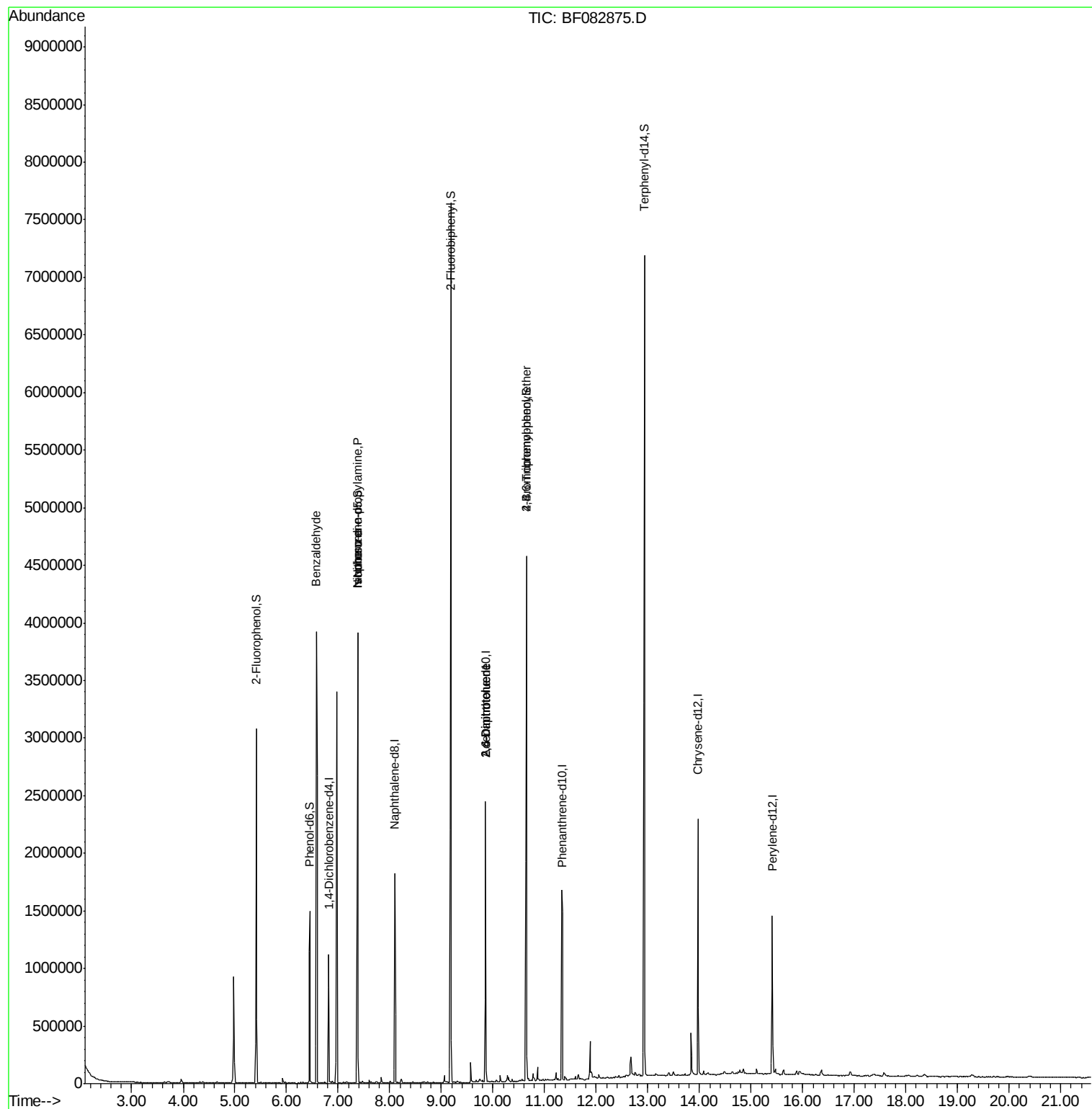
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218779	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	823814	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	481810	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	864553	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	767709	20.00	ng	-0.05
86) Perylene-d12	15.41	264	641014	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	744985	52.98	ng	-0.03
7) Phenol-d6	6.45	99	699513	37.42	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1394538	73.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	499117	90.35	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2175146	64.70	ng	-0.03
78) Terphenyl-d14	12.93	244	2293336	70.85	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.58	77	33073	3.20	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.38	70	192369	14.00	ng	# 71
25) Isophorone	7.38	82	1372514	39.18	ng	# 69
50) 2,6-Dinitrotoluene	9.86	165	64007	7.60	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	64009	5.60	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	36833	3.54	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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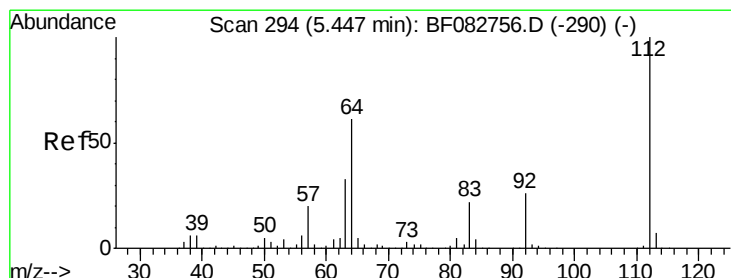
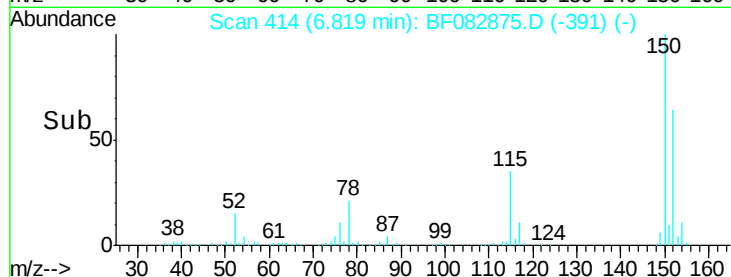
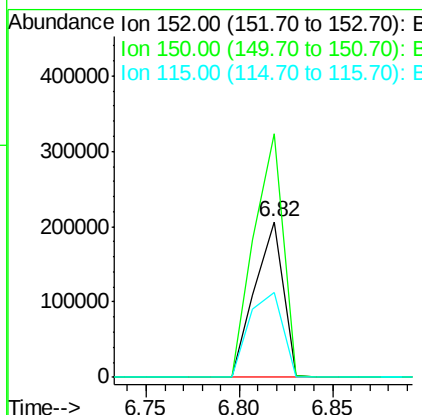
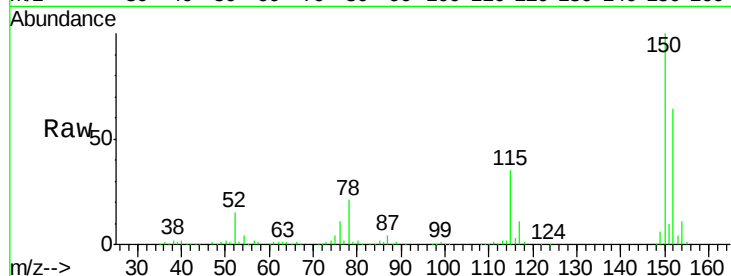




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

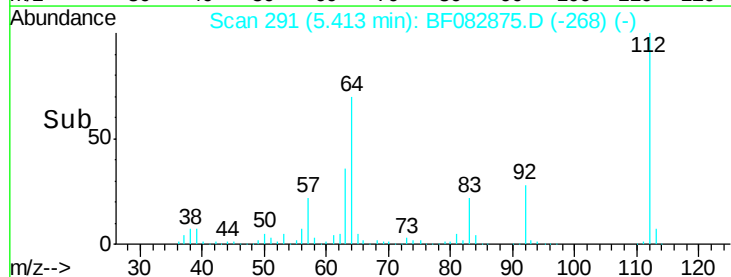
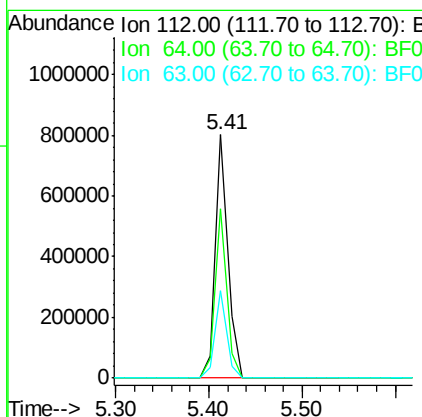
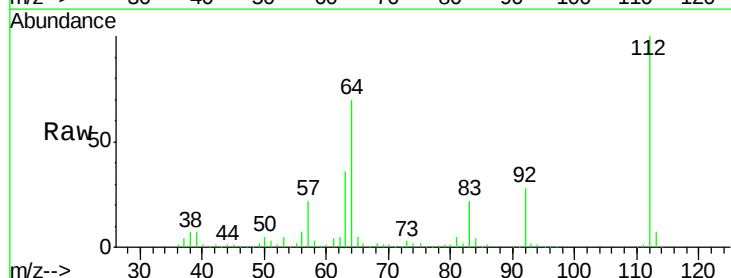
Instrument :
 BNA_F
 ClientSampleId :
 20151102MGP217BRV64

Tgt Ion:152 Resp: 218779
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.0 190.4
 115 54.4 47.0 70.6



#5
 2-Fluorophenol
 Concen: 52.98 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

Tgt Ion:112 Resp: 744985
 Ion Ratio Lower Upper
 112 100
 64 69.7 48.9 73.3
 63 35.9 28.1 42.1





#7

Phenol-d6

Concen: 37.42 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082875.D

Acq: 10 Nov 2015 17:51

Instrument :

BNA_F

ClientSampleId :

20151102MGP217BRV64

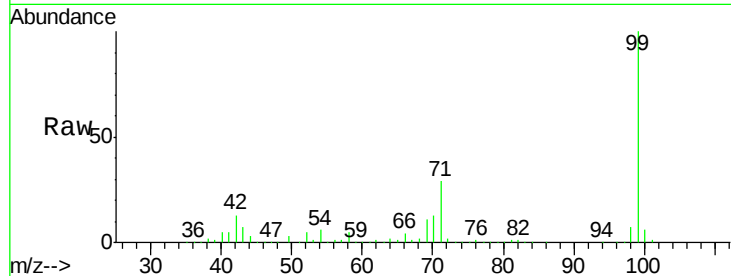
Tgt Ion: 99 Resp: 699513

Ion Ratio Lower Upper

99 100

42 13.4 19.2 28.8#

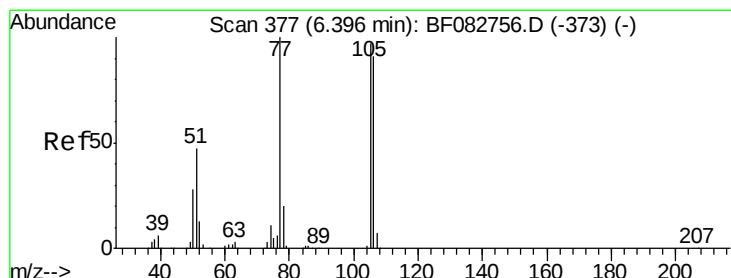
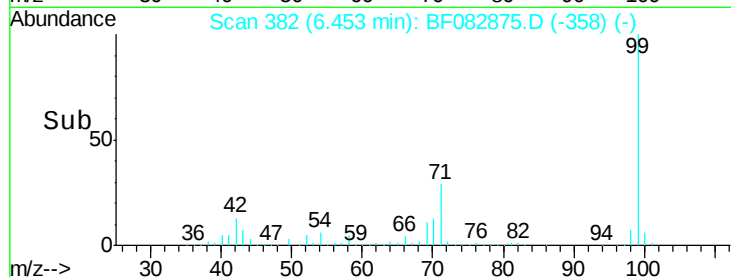
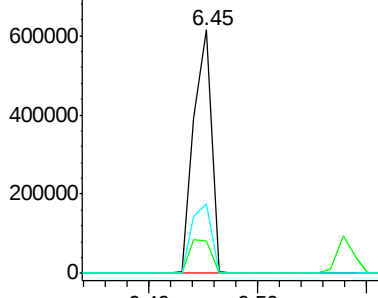
71 28.6 35.0 52.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082875.D

Acq: 10 Nov 2015 17:51

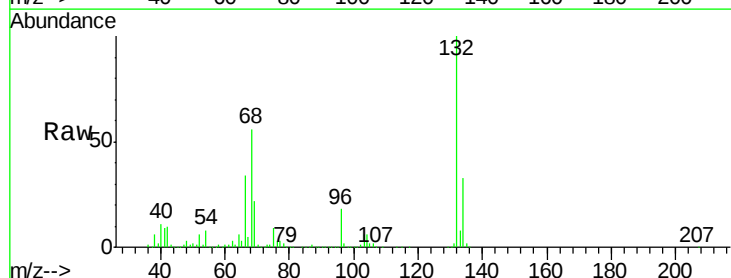
Tgt Ion: 77 Resp: 33073

Ion Ratio Lower Upper

77 100

105 68.5 63.5 103.5

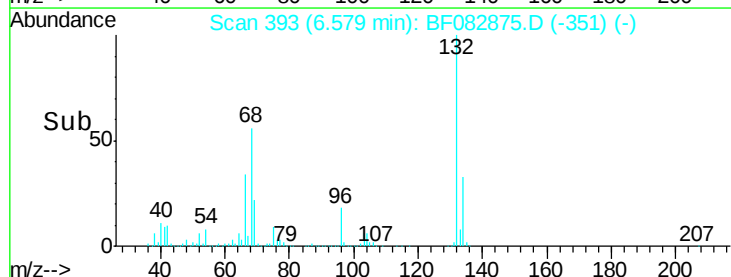
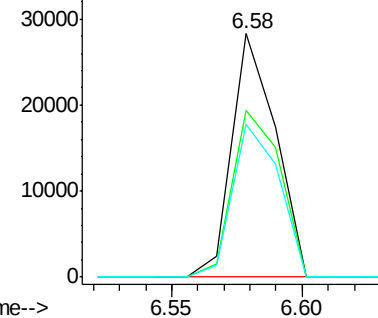
106 62.7 59.3 99.3

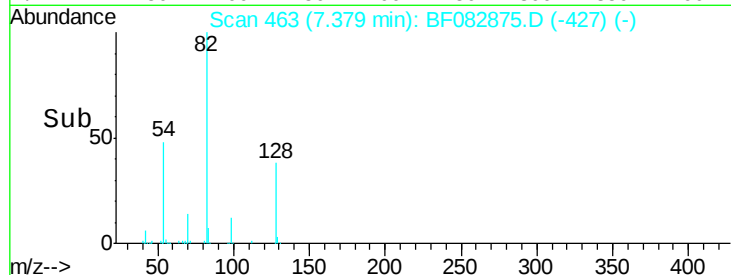
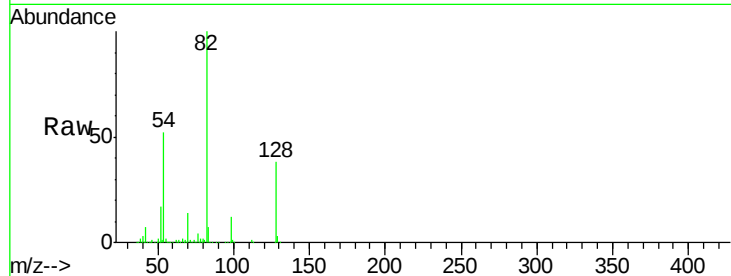


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

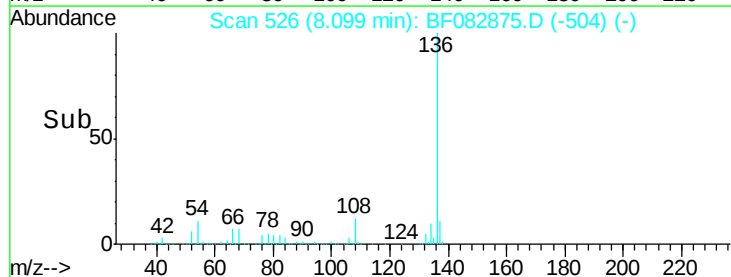
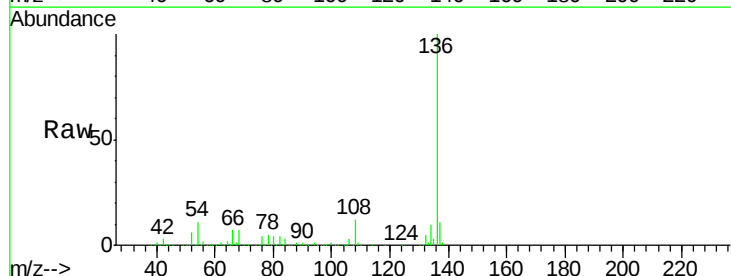
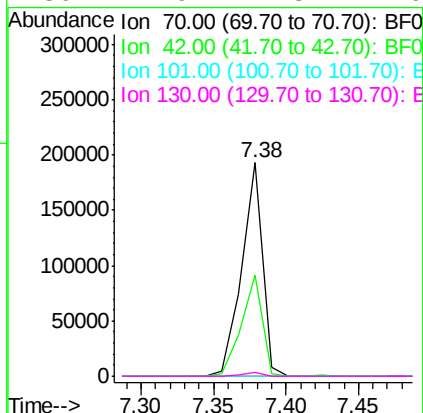




#19
n-Nitroso-di-n-propylamine
Concen: 14.00 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082875.D
Acq: 10 Nov 2015 17:51

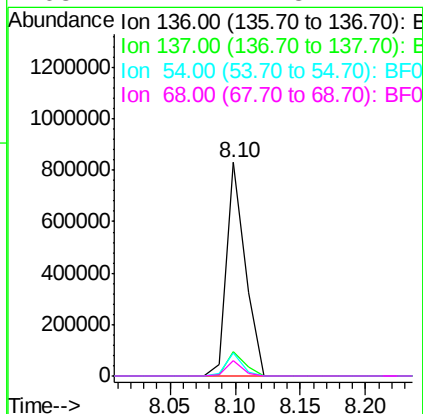
Instrument :
BNA_F
ClientSampleId :
20151102MGP217BRV64

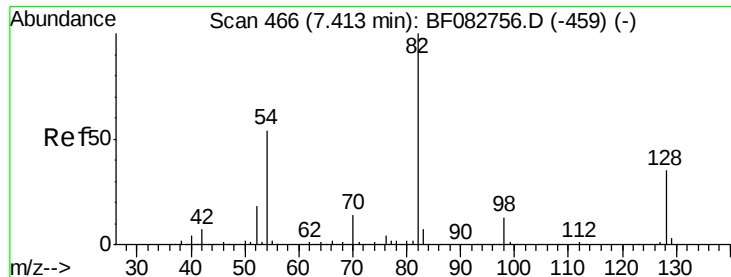
Tgt Ion:	70	Resp:	192369
Ion	Ratio	Lower	Upper
70	100		
42	47.6	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082875.D
Acq: 10 Nov 2015 17:51

Tgt Ion:	136	Resp:	823814
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.0	9.1	13.7
68	7.4	4.8	7.2#

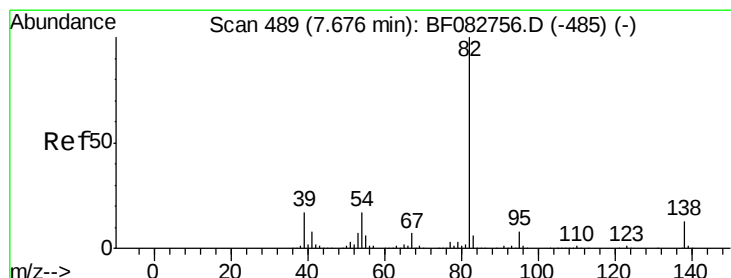
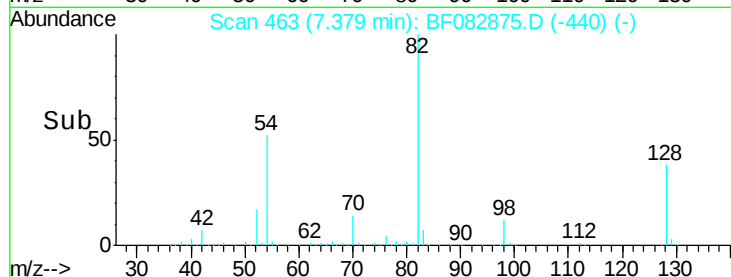
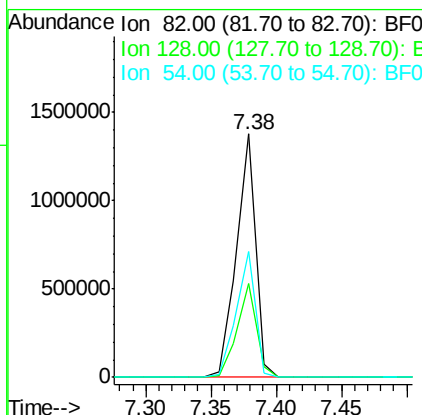
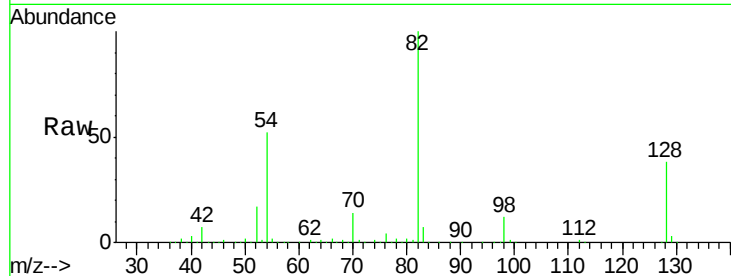




#23
 Nitrobenzene-d5
 Concen: 73.66 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

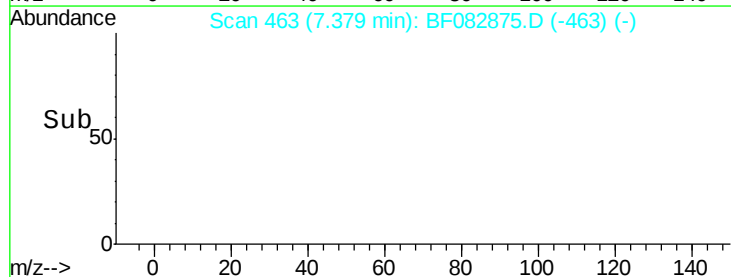
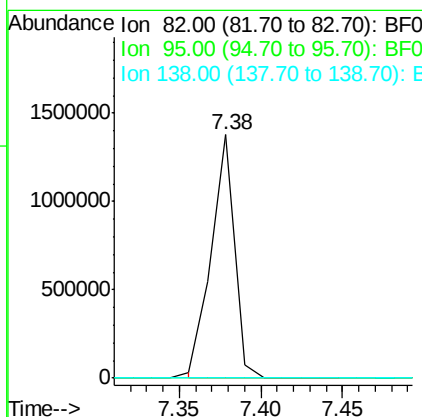
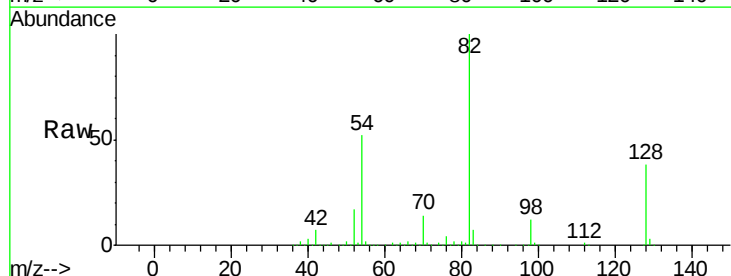
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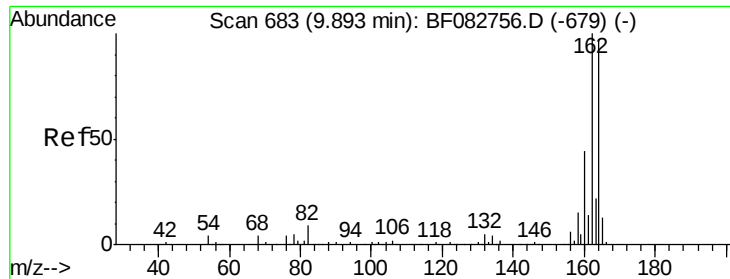
Tgt Ion: 82 Resp: 1394538
 Ion Ratio Lower Upper
 82 100
 128 38.3 26.8 40.2
 54 51.6 45.7 68.5



#25
 Isophorone
 Concen: 39.18 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.30 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

Tgt Ion: 82 Resp: 1372514
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

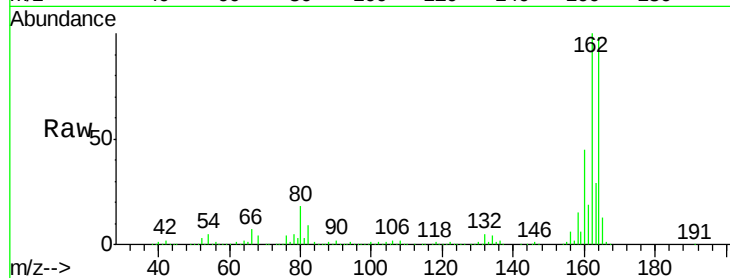




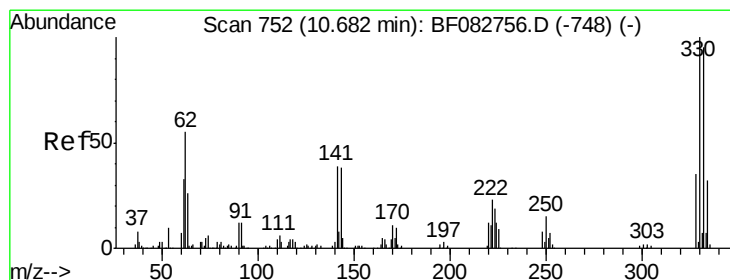
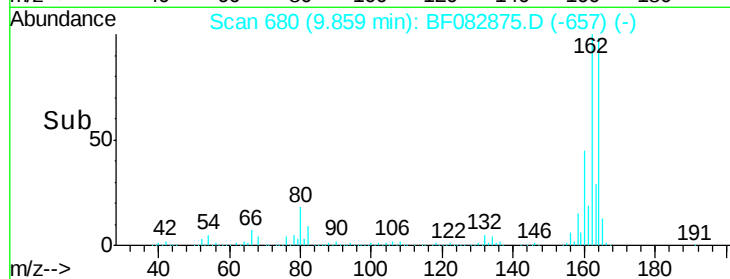
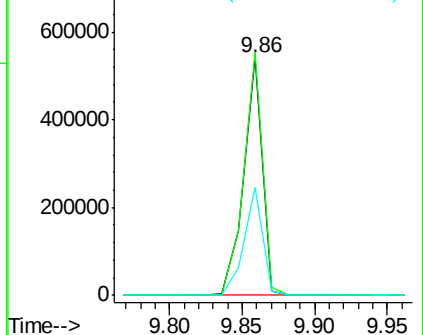
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082875.D
Acq: 10 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
20151102MGP217BRV64

Tgt Ion:164 Resp: 481810
Ion Ratio Lower Upper
164 100
162 102.3 84.9 127.3
160 45.6 37.5 56.3

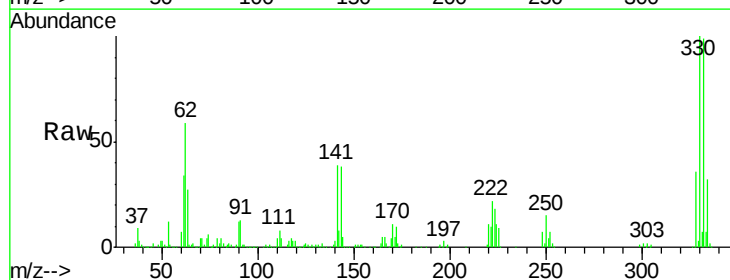


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

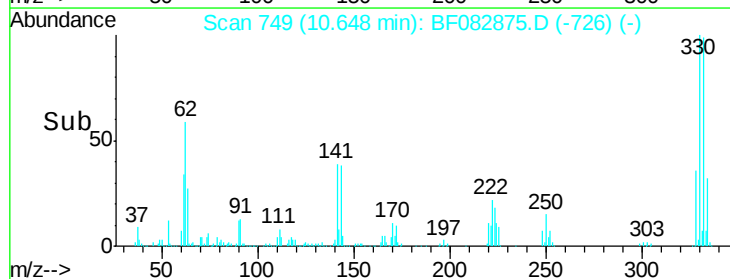
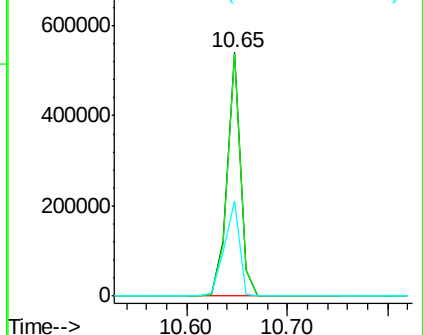


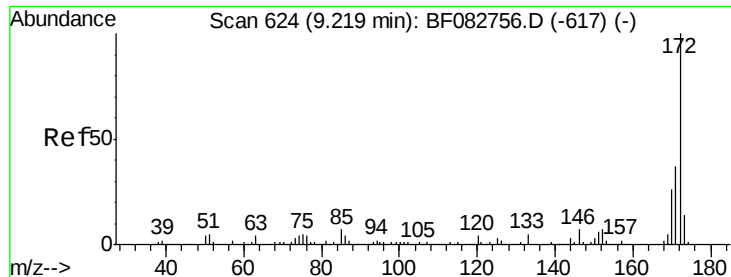
#41
2,4,6-Tribromophenol
Concen: 90.35 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF082875.D
Acq: 10 Nov 2015 17:51

Tgt Ion:330 Resp: 499117
Ion Ratio Lower Upper
330 100
332 98.7 76.6 114.8
141 43.8 41.2 61.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

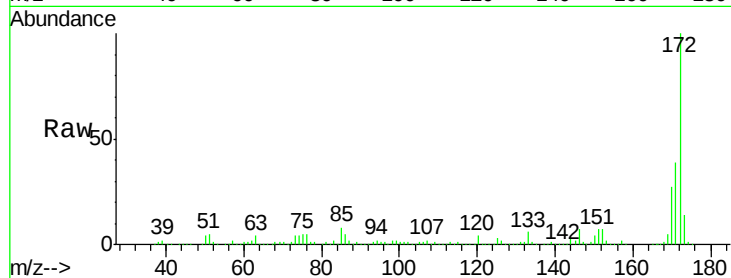




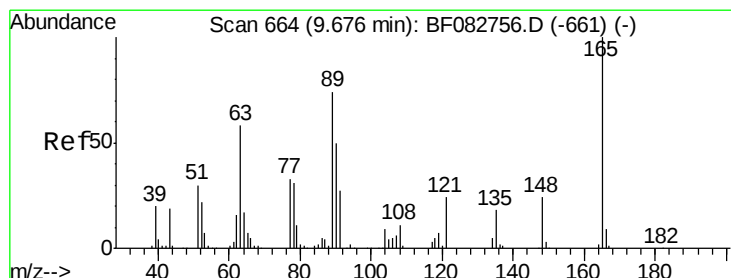
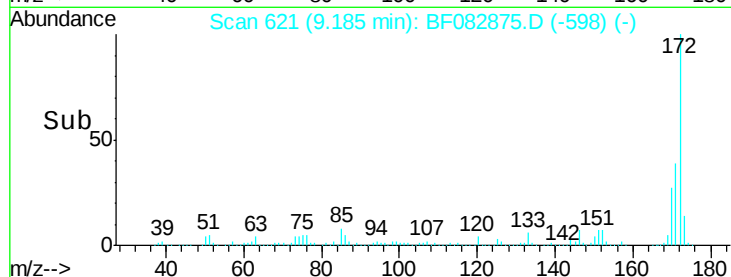
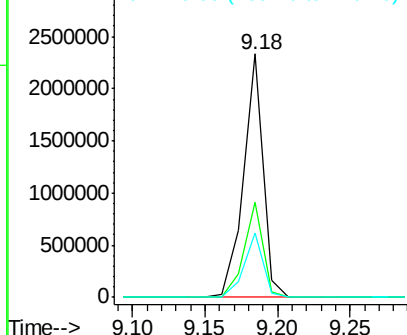
#44
 2-Fluorobiphenyl
 Concen: 64.70 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 20151102MGP217BRV64

Tgt Ion:172 Resp: 2175146
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.8 46.2
 170 26.6 21.2 31.8

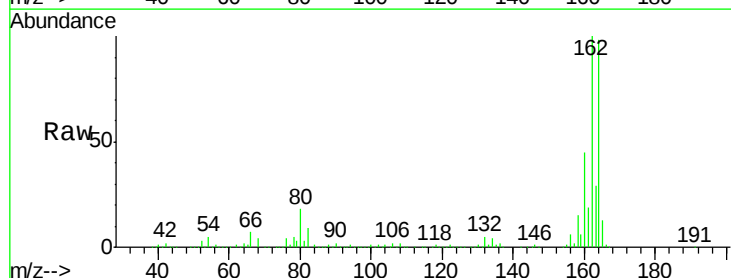


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

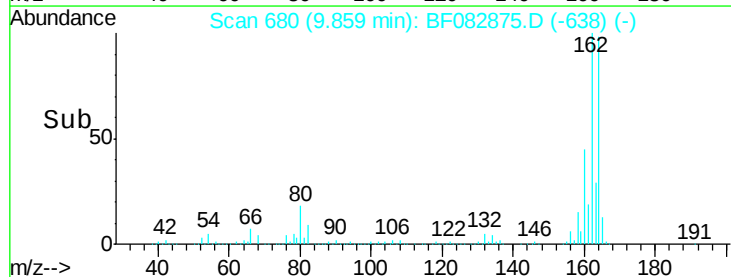
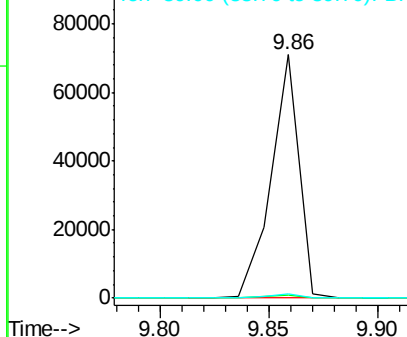


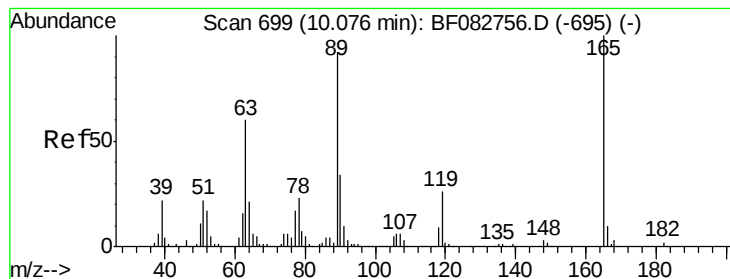
#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.18 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

Tgt Ion:165 Resp: 64007
 Ion Ratio Lower Upper
 165 100
 63 1.2 55.5 83.3#
 89 1.6 55.0 82.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.60 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.22 min

Lab File: BF082875.D

Acq: 10 Nov 2015 17:51

Instrument :

BNA_F

ClientSampleId :

20151102MGP217BRV64

Tgt Ion:165 Resp: 64009

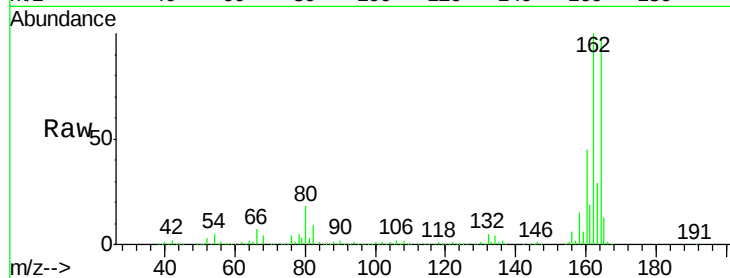
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

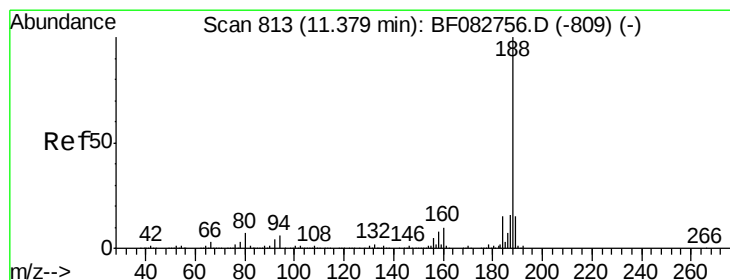
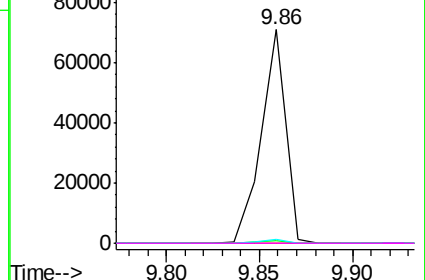
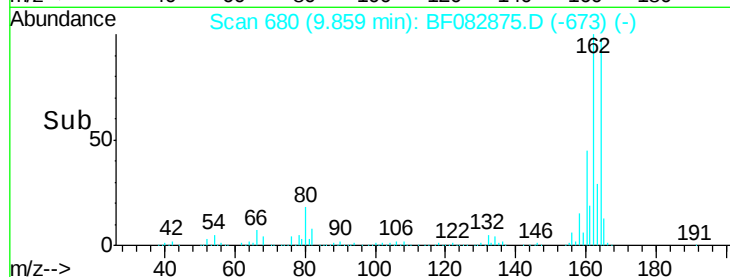


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082875.D

Acq: 10 Nov 2015 17:51

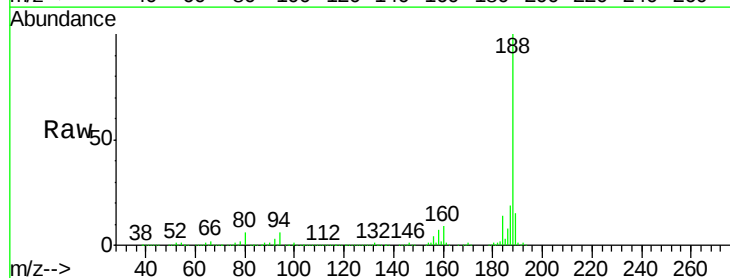
Tgt Ion:188 Resp: 864553

Ion Ratio Lower Upper

188 100

94 5.7 6.1 9.1#

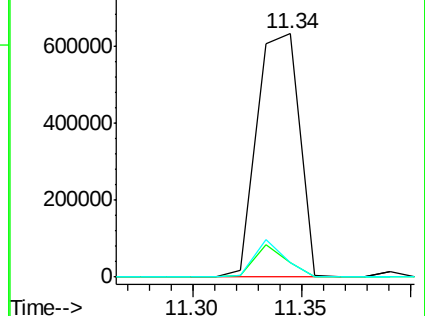
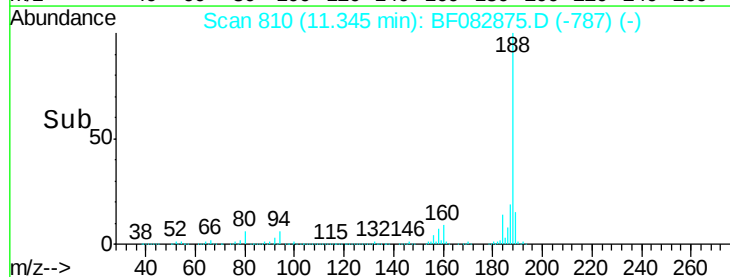
80 6.0 7.0 10.6#

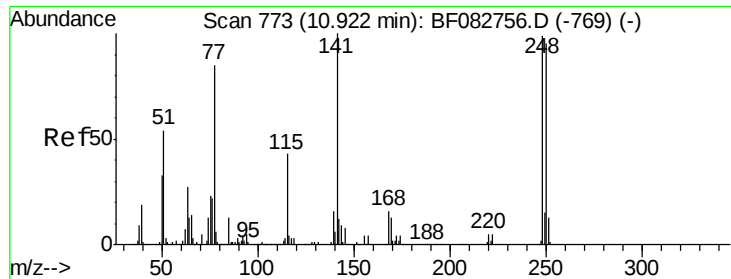


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.54 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF082875.D

Acq: 10 Nov 2015 17:51

Instrument :

BNA_F

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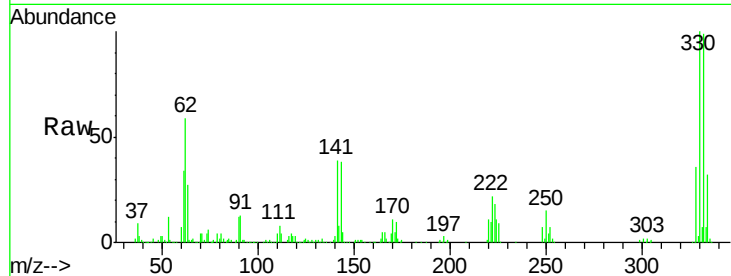
Tgt Ion:248 Resp: 36833

Ion Ratio Lower Upper

248 100

250 199.4 79.4 119.2#

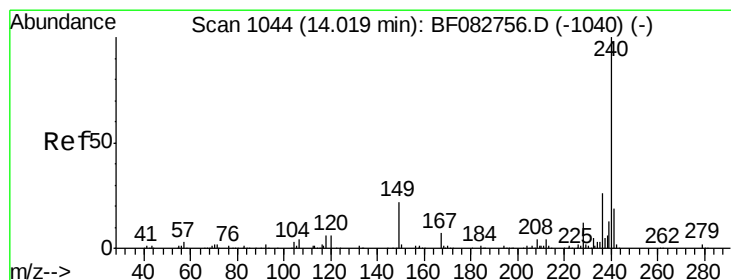
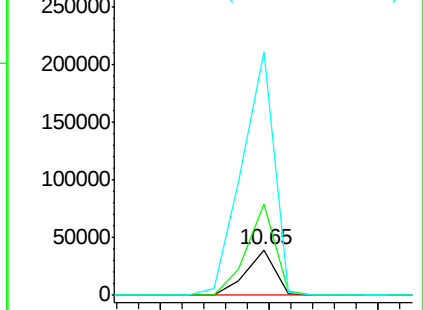
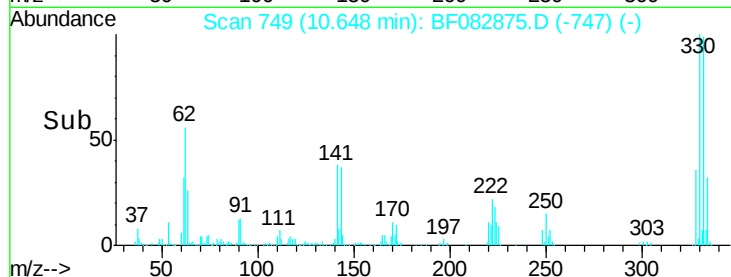
141 531.1 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082875.D

Acq: 10 Nov 2015 17:51

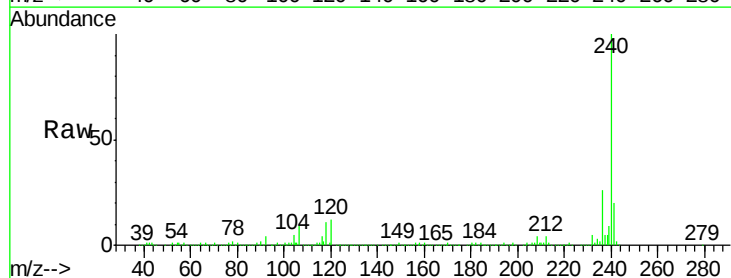
Tgt Ion:240 Resp: 767709

Ion Ratio Lower Upper

240 100

120 12.3 10.9 16.3

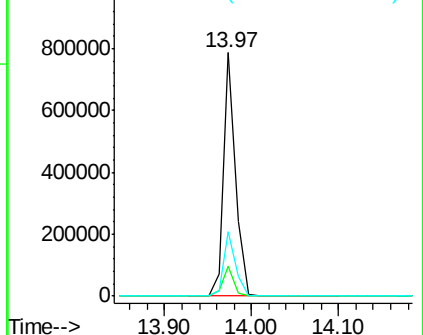
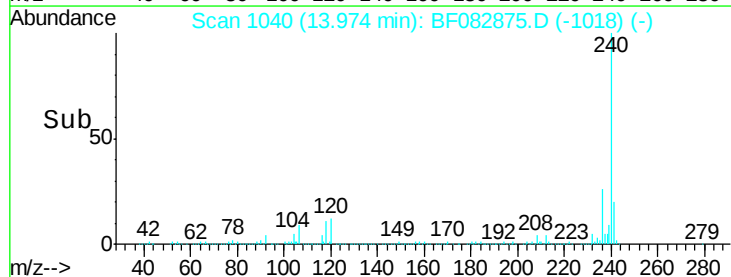
236 26.2 21.6 32.4

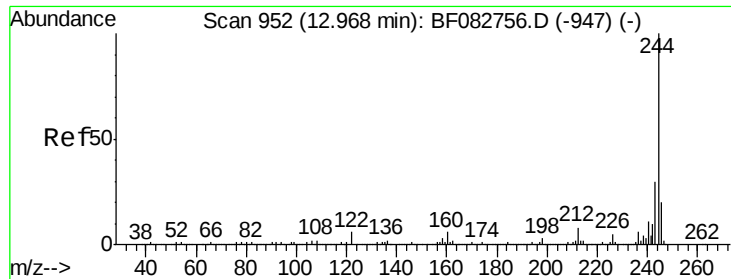


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

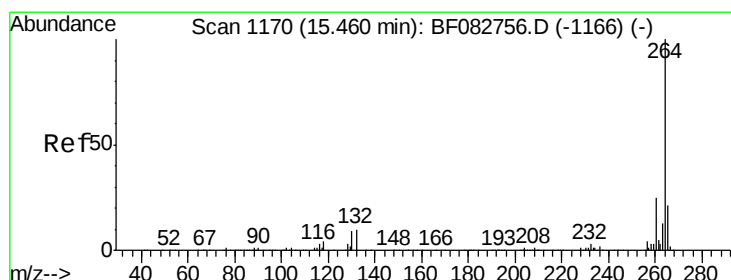
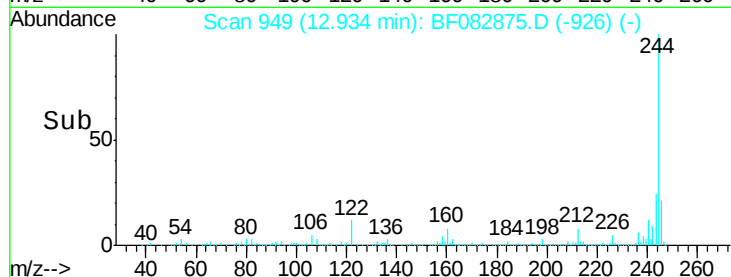
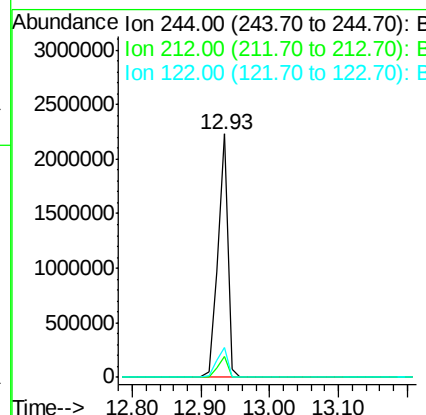
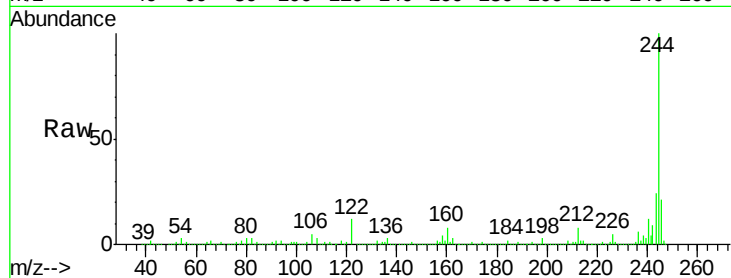




#78
 Terphenyl-d14
 Concen: 70.85 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 20151102MGP217BRV64

Tgt Ion:244 Resp: 2293336
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 12.2 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF082875.D
 Acq: 10 Nov 2015 17:51

Tgt Ion:264 Resp: 641014
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.6 17.4 26.0

